

RAW SEQUENCE LISTING

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Application Serial Number: 10/820,559
Source: EFN
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PATENT APPLICATION: US/10/820,559

DATE: 11/23/2004

TIME: 14:55:00

Input Set : A:\AERO1210-2.ST25.txt

Output Set: N:\CRF4\11222004\J820559.raw

3 <110> APPLICANT: AEROVANCE, INC.
 4 PAN, Clark
 5 ROCZNIAK, Steve
 6 GREVE, Jeffrey Michael
 7 YUNG, Stephanie L.
 8 LONGPHRE, Malinda
 9 WONG, Teresa Mo-fun
 10 TOMKINSON, Adrian
 12 <120> TITLE OF INVENTION: MODIFIED IL-4 MUTEIN RECEPTOR ANTAGONISTS
 14 <130> FILE REFERENCE: AERO1210-2
 16 <140> CURRENT APPLICATION NUMBER: US 10/820,559
 17 <141> CURRENT FILING DATE: 2004-04-08
 19 <150> PRIOR APPLICATION NUMBER: US 60/530,182
 20 <151> PRIOR FILING DATE: 2003-12-17
 22 <150> PRIOR APPLICATION NUMBER: US 60/528,228
 23 <151> PRIOR FILING DATE: 2003-12-09
 25 <150> PRIOR APPLICATION NUMBER: US 60/498,906
 26 <151> PRIOR FILING DATE: 2003-08-29
 28 <160> NUMBER OF SEQ ID NOS: 30
 30 <170> SOFTWARE: PatentIn version 3.3
 32 <210> SEQ ID NO: 1
 33 <211> LENGTH: 396
 34 <212> TYPE: DNA
 35 <213> ORGANISM: Artificial sequence
 37 <220> FEATURE:
 38 <223> OTHER INFORMATION: Modified human sequence
 40 <400> SEQUENCE: 1
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 43 cagaagactc tgtgcaccga gttgaccgta acagacatct ttgctgcctc caagaacaca 120
 45 actgagaagg aaaccttctg cagggctcg actgtgcctc ggcagttcta cagccaccat 180
 47 gagaaggaca ctcgctgcct gggtgcgact gcacagcagt tccacaggca caagcagctg 240
 49 atccgattcc taaaacggct cgacaggaac ctctggggcc tggcgggctt gaattccctgt 300
 51 cctgtgaagg aagccaacca gagtacggtt gaaaacttct tggaaaggct aaagacgatc 360
 53 atggacgaga aagactcaaa gtgtcgagc taataa 396
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 59 <213> ORGANISM: Artificial sequence
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 62 <223> OTHER INFORMATION: Modified human sequence
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 67 cagaagactc tgtgcaccga gttgaccgta acagacatct ttgctgcctc caagaacaca 120

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69	actgagaagg aaaccttctg caggcgtcg actgtgctcc ggcagttcta cagccaccat	180
71	gagaaggaca ctcgctgcct gggtgcgact gcacagcagt tccacaggca caaggcagctg	240
73	atccgattcc taaaacggct cgacaggaac ctctgggccc tggcgggctt gaattcctgt	300
75	cctgtgaagg aagccaaacca gagtacgtt gaaaacttct tggaaaggct aaagacgatc	360
77	atggacgaga aagactcaa gtgtcgagc taataa	396
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91	cagaagactc tgtgcacccga gttgaccgta acagacatct ttgctgcctg caagaacaca	120
93	actgagaagg aaaccttctg caggcgtcg actgtgctcc ggcagttcta cagccaccat	180
95	gagaaggaca ctcgctgcct gggtgcgact gcacagcagt tccacaggca caaggcagctg	240
97	atccgattcc taaaacggct cgacaggaac ctctgggccc tggcgggctt gaattcctgt	300
99	cctgtgaagg aagccaaacca gagtacgtt gaaaacttct tggaaaggct aaagacgatc	360
101	atggacgaga aagactcaa gtgtcgagc taataa	396
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107	<213> ORGANISM: Artificial sequence	
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117	actgagaagg aaaccttctg caggcgtcg actgtgctcc ggcagttcta cagccaccat	180
119	gagaaggaca ctcgctgcct gggtgcgact gcacagcagt tccacaggca caaggcagctg	240
121	atccgattcc taaaacggct cgacaggaac ctctgggccc tggcgggctt gaattcctgt	300
123	cctgtgaagg aagccaaacca gagtacgtt gaaaacttct tggaaaggct aaagacgatc	360
125	atggacgaga aagactcaa gtgtcgagc taataa	396
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130	<212> TYPE: DNA	
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134	<223> OTHER INFORMATION: Modified human sequence	
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139	cagaagactc tgtgcacccga gttgaccgta acagacatct ttgctgcctc caagtgcaca	120
141	actgagaagg aaaccttctg caggcgtcg actgtgctcc ggcagttcta cagccaccat	180
143	gagaaggaca ctcgctgcct gggtgcgact gcacagcagt tccacaggca caaggcagctg	240
145	atccgattcc taaaacggct cgacaggaac ctctgggccc tggcgggctt gaattcctgt	300
147	cctgtgaagg aagccaaacca gagtacgtt gaaaacttct tggaaaggct aaagacgatc	360
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152	<210> SEQ ID NO: 6	
153	<211> LENGTH: 396	

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165	actgagaagg	aaaccttctg	caggctgcg	actgtgtcc	ggcagttcta	cagccaccat	180
167	gagaaggaca	ctcgctgcct	gggtgcact	gcacagcagt	tccacaggca	caagcagctg	240
169	atccgattcc	tgaaacggct	cgacaggaac	ctctgggccc	tggcgggctt	gaattcctgt	300
171	cctgtgaagg	aatgcaacca	gatgtacgtt	gaaaaacttct	tggaaaggct	aaagacgatc	360
173	atggacgaga	aagactcaaa	gtgttcgagc	taataa			396
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187	cagaagactc	tgtgcaccga	gttaccgt	acagacatct	ttgtgcctc	caagaacaca	120
189	actgagaagg	aaaccttctg	caggctgcg	actgtgtcc	ggcagttcta	cagccaccat	180
191	gagaaggaca	ctcgctgcct	gggtgcact	gcacagcagt	tccacaggca	caagcagctg	240
193	atccgattcc	tgaaacggct	cgacaggaac	ctctgggccc	tggcgggctt	gaattcctgt	300
195	cctgtgaagg	aagccactg	gatgtacgtt	gaaaaacttct	tggaaaggct	aaagacgatc	360
197	atggacgaga	aagactcaaa	gtgttcgagc	taataa			396
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211	cagaagactc	tgtgcaccga	gttaccgt	acagacatct	ttgtgcctc	caagaacaca	120
213	actgagaagg	aaaccttctg	caggctgcg	actgtgtcc	ggcagttcta	cagccaccat	180
215	gagaaggaca	ctcgctgcct	gggtgcact	gcacagcagt	tccacaggca	caagcagctg	240
217	atccgattcc	tgaaacggct	cgacaggaac	ctctgggccc	tggcgggctt	gaattcctgt	300
219	cctgtgaagg	aagccactg	gatgtacgtt	gaaaaacttct	tggaaaggct	aaagacgatc	360
221	atggacgaga	aagactcaaa	gtgttcgagc	taataa			396
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230	<223>	OTHER INFORMATION: Modified human sequence					
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234	Met His Lys Cys Asp Ile Thr Leu Gln Glu Ile Ile Lys Thr Leu Asn						
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238 Ser Leu Thr Glu Gln Lys Thr Leu Cys Thr Glu Leu Thr Val Thr Asp
 239 20 25 30
 242 Ile Phe Ala Ala Ser Lys Asn Thr Thr Glu Lys Glu Thr Phe Cys Arg
 243 35 40 45
 246 Ala Ala Thr Val Leu Arg Gln Phe Tyr Ser His His Glu Lys Asp Thr
 247 50 55 60
 250 Arg Cys Leu Gly Ala Thr Ala Gln Gln Phe His Arg His Lys Gln Leu
 251 65 70 75 80
 254 Ile Arg Phe Leu Lys Arg Leu Asp Arg Asn Leu Trp Gly Leu Ala Gly
 255 85 90 95
 258 Leu Asn Ser Cys Pro Val Lys Glu Ala Asn Gln Ser Thr Leu Glu Asn
 259 100 105 110
 262 Phe Leu Glu Arg Leu Lys Thr Ile Met Asp Glu Lys Asp Ser Lys Cys
 263 115 120 125
 266 Ser Ser
 267 130
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 280 Met His Lys Cys Asp Ile Thr Leu Gln Glu Ile Ile Lys Thr Leu Asn
 281 1 5 10 15
 284 Ser Leu Thr Glu Gln Lys Thr Leu Cys Thr Glu Leu Cys Val Thr Asp
 285 20 25 30
 288 Ile Phe Ala Ala Ser Lys Asn Thr Thr Glu Lys Glu Thr Phe Cys Arg
 289 35 40 45
 292 Ala Ala Thr Val Leu Arg Gln Phe Tyr Ser His His Glu Lys Asp Thr
 293 50 55 60
 296 Arg Cys Leu Gly Ala Thr Ala Gln Gln Phe His Arg His Lys Gln Leu
 297 65 70 75 80
 300 Ile Arg Phe Leu Lys Arg Leu Asp Arg Asn Leu Trp Gly Leu Ala Gly
 301 85 90 95
 304 Leu Asn Ser Cys Pro Val Lys Glu Ala Asn Gln Ser Thr Leu Glu Asn
 305 100 105 110
 308 Phe Leu Glu Arg Leu Lys Thr Ile Met Asp Glu Lys Asp Ser Lys Cys
 309 115 120 125
 312 Ser Ser
 313 130
 316 <210> SEQ ID NO: 11
 317 <211> LENGTH: 130
 318 <212> TYPE: PRT
 319 <213> ORGANISM: Artificial sequence
 321 <220> FEATURE:
 322 <223> OTHER INFORMATION: Modified human sequence
 324 <400> SEQUENCE: 11
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Input Set : A:\AERO1210-2.ST25.txt

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327 1 5 10 15
 330 Ser Leu Thr Glu Gln Lys Thr Leu Cys Thr Glu Leu Thr Val Thr Asp
 331 20 25 30
 334 Ile Phe Ala Ala Cys Lys Asn Thr Thr Glu Lys Glu Thr Phe Cys Arg
 335 35 40 45
 338 Ala Ala Thr Val Leu Arg Gln Phe Tyr Ser His His Glu Lys Asp Thr
 339 50 55 60
 342 Arg Cys Leu Gly Ala Thr Ala Gln Gln Phe His Arg His Lys Gln Leu
 343 65 70 75 80
 346 Ile Arg Phe Leu Lys Arg Leu Asp Arg Asn Leu Trp Gly Leu Ala Gly
 347 85 90 95
 350 Leu Asn Ser Cys Pro Val Lys Glu Ala Asn Gln Ser Thr Leu Glu Asn
 351 100 105 110
 354 Phe Leu Glu Arg Leu Lys Thr Ile Met Asp Glu Lys Asp Ser Lys Cys
 355 115 120 125
 358 Ser Ser
 359 130
 362 <210> SEQ ID NO: 12
 363 <211> LENGTH: 130
 364 <212> TYPE: PRT
 365 <213> ORGANISM: Artificial sequence
 367 <220> FEATURE:
 368 <223> OTHER INFORMATION: Modified human sequence
 370 <400> SEQUENCE: 12
 372 Met His Lys Cys Asp Ile Thr Leu Gln Glu Ile Ile Lys Thr Leu Asn
 373 1 5 10 15
 376 Ser Leu Thr Glu Gln Lys Thr Leu Cys Thr Glu Leu Thr Val Thr Asp
 377 20 25 30
 380 Ile Phe Ala Ala Ser Cys Asn Thr Thr Glu Lys Glu Thr Phe Cys Arg
 381 35 40 45
 384 Ala Ala Thr Val Leu Arg Gln Phe Tyr Ser His His Glu Lys Asp Thr
 385 50 55 60
 388 Arg Cys Leu Gly Ala Thr Ala Gln Gln Phe His Arg His Lys Gln Leu
 389 65 70 75 80
 392 Ile Arg Phe Leu Lys Arg Leu Asp Arg Asn Leu Trp Gly Leu Ala Gly
 393 85 90 95
 396 Leu Asn Ser Cys Pro Val Lys Glu Ala Asn Gln Ser Thr Leu Glu Asn
 397 100 105 110
 400 Phe Leu Glu Arg Leu Lys Thr Ile Met Asp Glu Lys Asp Ser Lys Cys
 401 115 120 125
 404 Ser Ser
 405 130
 408 <210> SEQ ID NO: 13
 409 <211> LENGTH: 130
 410 <212> TYPE: PRT
 411 <213> ORGANISM: Artificial sequence
 413 <220> FEATURE:
 414 <223> OTHER INFORMATION: Modified human sequence
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VERIFICATION SUMMARY

PATENT APPLICATION: **US/10/820,559**

DATE: **11/23/2004**

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